

ABSTRACT

A device which transmits an ISMA media stream subjected to MPEG-4 IPMP extension. An ISMA media stream having an ISMA header and including contents as a payload is constituted, an IPMP tool list descriptor
5 representing, as a tool required for processing of the contents, at least one tool selected from a group including an IPMP tool, an ISMA Cryp decryption tool, and a key management system (KMS) tool is buried in the media stream, and the ISMA media stream is transmitted.